

# FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

1 DECEMBER 1977

## FACULTY OF DENTISTRY GOLDEN JUBILEE CONVOCATION

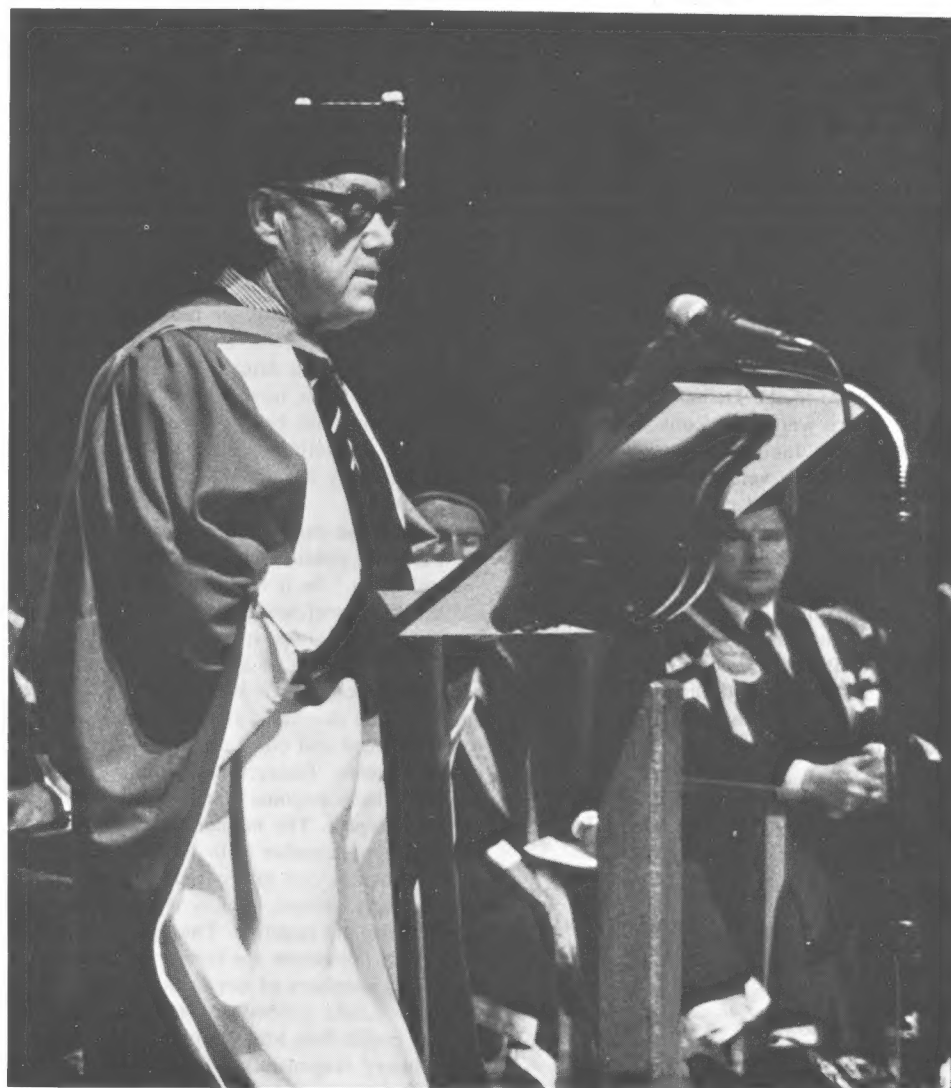
*At the Golden Jubilee of the Faculty of Dentistry, held last Saturday, 26 November, H.R. MacLean presented the Convocation Address, which is printed in full below:*

As this Convocation is commemorating fifty years since the first dental class graduated, allow me, for a moment, to take a personal look back over this half century.

I consider it a rare privilege to have been associated with every President to date at the University of Alberta—first as a student and later as a member of the teaching staff. Having achieved the age of statutory senility and retired seven years ago, my association with President Gunning is somewhat remote due to the fact that I am presently at the University as a sessional instructor—a position I held some forty years ago. However, I recall having heard it mentioned around the halls of learning that one must be patient and wait some time before being recommended for a promotion!

In the 1920s names such as Tory, Broadus, Rankin, Revell, Shaner and in our own area Bulyea and Gilchrist are recalled as outstanding men of positive ideas and high ideals. In 1925 I can remember the first graduating class, upon reaching the clinical level, being assigned to a seven-chair clinic located under the east lecture theatre of the Medical Building. Clinical procedure was quite different in those days. Cavity preparation was accomplished with the aid of a foot engine. Most materials shrank or expanded beyond control. It was the age of vulcanite dentures and anaesthetics that were effective but irritating to the tissues and to the physiology—fainting was a common complication. There was an overhead high-voltage wire on the x-ray apparatus that actually caused the operator's hair to stand on end if his head happened to be within ten inches of the activated wire.

Campus life centered around the Tuck Shop and the three residences, with Miss Dodds reigning over Pembina and with Reg Lister acting as major domo in Athabasca and Assiniboia Halls. Dr. Tory was the respected and unquestioned leader of the University family. All convocations were held in Convocation Hall. Some of us, as freshmen in residence, benefited from knowing several veterans of



*Dr. MacLean delivering his address at the Fall Convocation of Dentistry, held last Saturday, 26 November.*

*W.F. Rauschning*

the 1914-18 war who were finishing their programs and going on to become prominent leaders in Canadian industry and commerce. Lectures and labs in all the basic science subjects were taken with the medical students and we were given the same examinations. In dentistry the full-time staff consisted of Drs. Bulyea and Gilchrist. Out of the forty-nine dentists that were practising in Edmonton at that time—ten, or about twenty percent, came to the University to lecture

or give clinical instruction for about one hundred dollars a year honorarium. There are now three hundred and seventy-five dentists practising in the Edmonton area.

Dr. Bulyea, who was the first orthodontist in Western Canada, saw patients on the weekends in the Empire Building. Dr. Hamilton raised a few mink as a hobby in Jasper Place and Dr. Zimmerman was one of forty-seven dentists practising in Calgary. At that time the dentist conducted more

or less a do-it-yourself practice in comparative isolation from his confreres—there were few assistants or technicians and group practices were non-existent. The Depression years had their effect in the 1930s. Few had the means to afford tuition—the University had difficulty continuing several programs. In dentistry one student comprised the senior class in 1933. He graduated at both the top and bottom of his class. Again in 1936, three students—the whole senior class—graduated.

After 1940, the dental school experienced many changes. In 1944 the School was given Faculty status. Dr. Hamilton was the first Dean. The physical facilities were expanded and replanned with updated equipment on two occasions. Assistants and technicians were added. New subjects were included in the curriculum. The Second World War made it necessary to conduct a continuous program from 1943 to 1947. Until the Armistice all the students were in the Dental Corps and on army pay. There were two Convocations each year—one in January, the other in May. To accommodate the veterans returning from the War, expanded classes of fifty were held for four years and the first of these graduated in 1950. The advent of the air-driven turbine handpiece for high-speed cutting in 1953, establishment of the School of Dental Hygiene, post-graduate programs to the level of masters and PhD degrees, an organized program of research, continuing education, accreditation of dental education programs on a national basis—all were building blocks marking progress.

Over the intervening years research has provided the health sciences with vastly improved knowledge, new drugs, and

equipment to the point where the doctor is now taking charge, rather than continually being on the defensive in the treatment of disease. The two chief diseases affecting oral structures are dental caries and periodontal breakdown. The efforts to secure acceptance of flouridation of public water supplies was an outstanding accomplishment in preventive dentistry, the result of keen observation and many years of research. In urban centres in Canada where the population has enjoyed the benefits of water flouridation and where fluoride solutions have been applied to the teeth, reduction in dental caries has reached as high as eighty percent. It is of current interest that periodontal disease may soon be under some control. A report presented in September this year at Harvard University identifies a characteristic flora in mouths showing a susceptibility or presence of periodontal breakdown. The organism has been isolated. A specific drug to control and affect this flora is now known and its introduction could be imminent. Delay may be due to restrictions placed on new preparations by the United States Drug Regulations.

Now let me express some thoughts on attitudes and public relations. A decade ago the "organization," be it church, government, education, or profession, was regarded generally as the ultimate authority in its particular area. The members of any one organization had confidence in their leaders, gave support, and accepted demands. In a general way, society agreed and cooperated. What a change in a few years! Today, those in executive positions have become the "establishment" and are suspect. The banner of consumerism has appeared together with the searchlight of examination and analysis. Instead of being constructively critical, society seems to have an appetite for the negative. There is a change in attitude. Directors are having difficulty directing, members of organizations are dissatisfied, and systems are suffering from a loss of credibility. Many communities today place heavy responsibility on the dental profession to provide the dental services needed by their people. Complete dental care is considered the entitlement of everyone. Services are expected to be available, the quality high, and the cost reasonable whether it is paid by the individual or a third party. The public is not concerned that there may be a poor geographic distribution of dentists, that the dental manpower may be inadequate, or that escalating costs in some instances place special dental care beyond the private means of some people.

Executives of dental organizations across this nation have been laboring for the past several years with government, unfortunately without success, against legislation that would

permit technicians—and others with inadequate training—to perform intra-oral procedures. Accreditation of health education programs, continuing education, quality control of services, all are areas initiated and supported by the profession but these also are areas in which society feels it is necessary to maintain a type of surveillant vested interest.

A second major problem today is the preservation of the principles of professionalism. Can these principles survive in present-day society? Today we are faced with declining moral standards—a growing philosophy of permissiveness and a general lack of integrity—all of which is having a marked effect on many people. Professionalism is that quality of conduct which accompanies the use of superior knowledge, skill, and judgment towards the benefit of another person or society, *prior* to any consideration of self-interest by the professional person or professional organization. Knowledge, skill, and judgment are used by the tradesman, craftsman, and the financier in their affairs as well as by the professional in his. However, the consequences of a professional act are personal—not material, and because of this, the use of knowledge, skill, and judgment by the professional has *moral* values. In this arrangement, self-interest is the antithesis of professionalism. In the milieu of today's social structure, it is indeed difficult for the professional to keep this principal constantly before him and permissiveness may be as rampant within the professions as it is in other areas of society.

Government creeps step-by-step into the "father role" of health services and third-party insurance plans wish to question diagnostic procedures, treatment plans, and establish fee schedules. At times we find a few of our own profession agreeing with government and becoming expert advisors to these plans. Administrators in business, industry, and government are constantly proposing their own ideas to modify the structure of health planning. It is the opinion of many that professionalism cannot survive under political or commercial sponsorship—the self-interest of the sponsoring parties will subvert the exercise of moral judgments and eventually destroy the profession. Who needs the professional? Anyone who needs help in making value judgements regarding his personal well-being needs the professional. The patient seeks advice and expert opinion depending on the professional to make judgements and decisions that he, the patient, is not capable of making for himself.

There is a constant need for health care but the relationship between need and demand has not been established and there is a real problem in geographic distribution of personnel, to which we have not found a

# FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Printed by Printing Services

Photographic lab work by Technical Services

solution. Can these be solved without the aid of government? Perhaps not. But if government is involved every effort should be made to retain control of the professional area of the program so that the judgements made are moral value judgements for the benefit of the patient—not necessarily to the advantage of the plan.

It is understandable that there is a great deal of hesitation on the part of the executives of health organizations to initiate changes that eventually may become misdirected. As someone said, "It almost seems that many professional organizations, with awesome responsibilities for the future, are acting as if their present role is to prepare for the past."

It would be reasonable to conclude that those charged with responsibilities in University faculties and executive positions in professional organizations be constantly on the alert to detect dilution or assignment of the principles related to professionalism. The intrinsic value of professionalism should be more widely known and emphasized whenever future health plans involving the public are being considered. Someone described the future as "not being a protraction of the past—but an extrapolation of the present." No doubt some of us wish for the solidarity of the past—if that state of affairs ever existed—but I frequently discover young people to whom I believe we can safely entrust the future.

If we are concerned for this future of man in a changing and disturbing world, then we need imaginative and creative leadership; we need institutions of higher learning that will help prepare these leaders; we need within these institutions a variety of closely-related programs for education in the health-related professions, with strong bases in the humanities and social sciences. We need understanding, we need commitment, and we also need action.

"New times demand new measures and new men. The world advances, and in time outgrows the laws that in our father's day were best; and doubtless, after us some better scheme will be shaped out by wiser men than we, made wisest by the steady growth of truth."

## STUDENT PRINTS

*An Exchange Exhibition of Prints from Osaka University of Arts (Naniwa College) and The University of Alberta*

In the summer of 1976, W. Jule, Associate Professor in the Department of Art and Design, was invited to speak at several Japanese universities and art schools about his own work and his Department's print program.



## JEAN FOREST ELECTED CHANCELLOR

*Jean B. Forest, Senate representative on the Board of Governors, has been elected by the Senate of the University of Alberta to serve as Chancellor of this University for a five-year term commencing in July 1978 on the expiry of the term of office of the present Chancellor, R.N. Dalby. Mrs. Forest is a well-known educator and educational administrator in the City of Edmonton, having served as a trustee and as President of the Edmonton Separate School Board, and as a member of the Board of Directors and as President of the Alberta Catholic School Trustees' Association. In addition to these responsibilities and her active association in Catholic lay organizations, Mrs. Forest is currently a member of the Alberta Human Rights Commission, a member of the Board of the Newman Theological College, and a member of the Council of Advisers to the Collège Universitaire St-Jean. Mrs. Forest brings to her appointment as Chancellor a large and intimate knowledge of the operations of this University, and, at the present time, is a member of the University of Alberta Senate and of several key committees of the Board of Governors.*

While on a visit to the Osaka University of Arts, which is the largest art school in Japan, he learnt that the University was very interested in establishing more contacts with art and design departments in other parts of the world.

After a great deal of correspondence, a formal link was established between this institution and the Naniwa College of the Osaka University of Arts and, in October of this year, an exhibition was opened at Naniwa College of modern prints by the students of both institutions. On 12 October, Professor Jule attended the opening of this exhibition in Japan and was very much impressed not merely with the prints made by the Osaka students, but also with the Japanese response to the University of Alberta students' prints.

The University of Alberta is very fortunate to be able to present the same sixty prints (thirty from either institution) in a public exhibition. Moreover, it is hoped that eventually exchange exhibitions of this sort will lead at some future date to further exchange programs, not only of work, but perhaps also of students and faculty members. On the close of the exhibition at the University of Alberta, the prints will take to the road and will be seen all across Canada in different institutions for approximately the next two years.

Japanese printmaking is famous for its long historical tradition and the excellence of its technical and artistic achievement throughout the centuries. In the words of Hideyo Tsukamoto, President of the Osaka University of Arts, "we believe that this exhibition with the University of Alberta will be of wide interest from a technical standpoint and, as well, offer a view of the contrasts and similarities which define students' work in our two countries."

The exhibition will be on display at the University Art Gallery, Ring House Number One, from 29 November to 15 December. The public and members of the University community will be able to view the prints from 11 a.m. to 4 p.m. on Mondays to Fridays, with the exception of Thursdays when the Art Gallery will remain open until 9 p.m. On Sundays, the hours of opening are from 2 p.m. to 5 p.m.

## SENATE

*Senate held its regular meeting on Friday, 25 November. The following items were among those considered.*

### The Election of a New Chancellor

The most important item on the agenda for the 25 November meeting was the election of a new Chancellor. Chancellor Dalby's term of office ends on 30 June 1978, and so the Chancellor-elect has six months to become familiar with the responsibilities of the office.

Jean Forest was elected to the position. Mrs. Forest brings to Senate a wide experience in University Government. At the present time she is a member of the Board of Governors and sits upon the Finance Committee, the Priorities Committee, and the Community Relations Committee. She is also Chairperson of the Academic Pension Plan Trustees, and a member of the Alberta Human Rights Commission and the Comité Fonds St-Jean, Collège Universitaire St-Jean. Mrs. Forrest will take office on 1 July 1978.

Recent provincial legislation required that university chancellors be chosen from a slate of candidates that includes the names of two or more nominees. The legislation also required that nominations be accepted from the floor. Mrs. Forest's election is the first time that the University's Chancellor

has been chosen under the new procedure.

#### **Status of Women Report's Recommendation Fifteen**

Acting upon an enquiry by the Academic Women's Association as to the Senate's position in relation to recommendation 15 of the task-force report on the status of academic women, the Senate considered what direction it would take on the issue. Recommendation 15 asked that a study be undertaken by the Senate regarding the counselling of students both inside and outside the University; the numbers and academic standing of female as compared to male students on entry to, progress through, and graduation from the University; and the comparison of drop-out rates for male and female students in each degree program. The Senate's deliberations on the issue centered around the question of what would be the most effective way of acting upon recommendation 15. A committee was formed to examine the problem and decide if a task force was the most appropriate response to the situation, or whether some other means of dealing with the recommendation would be more effective.

During the discussion of recommendation 15, it became apparent that a study of the position of non-academic women on campus was also needed. Chancellor Dalby noted that he was unwilling to commit the Chancellor-elect to a major study without first consulting with her. It was noted, furthermore, that the present activities of the Senate because of their number and importance might preclude any immediate action. Consequently, the concern for a study of non-academic women on campus was referred to the Executive Committee for deliberation on how and when the Senate would deal with the issue.

#### **Withholding Degree Certificates**

The final major issue the Senate deal with at the 25 November meeting was the withholding of degree certificates for the non-payment of fees and fines. This issue was brought before the Senate by the father of a graduate of the University whose degree certification had been withheld because of a failure to pay fines assessed by the library. The Senate formed into small groups for discussion of the issue. A motion that the Senate endorse the Board of Governors' present policy of withholding academic certification of students who fail to pay fees and fines was passed. It was felt, however, that the policy should be absolutely clear to students. A motion was passed that the ramifications of non-payment of fees and fines be clearly stated in the University Calendar and the Student Handbook, and further clarified by any other means the Administration of the University and the Students' Union deemed necessary.

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## **NOTICES**

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*Notices must reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is necessary.*

#### **Science Dining Club**

The Science Dining Club will meet at 6 p.m. on 6 December. Professor M.S. Klamkin, Department of Mathematics, will speak on the topic "Different mathematical viewpoints." Dinner will follow in the Saskatchewan Room of the Faculty Club. Reservations should be made by 2 December by contacting Mrs. Grant, Faculty of Science, telephone 432-4757.

#### **Special Meeting of General Faculties Council**

There will be a special meeting of the GFC to discuss the Report of the President's Committee on University Legislation on Monday, 12 December, at 2 p.m. in the Council Chamber of University Hall.

#### **Selection of Chairman**

In accordance with General Faculties Council policy, this gives notice that the Committee to Select a Chairman for the Department of Political Science will soon make a recommendation for the appointment of a suitable candidate. The effective date of appointment is 1 July 1978. At this stage, the Committee is not considering outside candidates. If you have any views regarding this matter, or if you wish to be considered for the position or to suggest candidates, please contact Dr. Baha Abu-Laban, Associate Dean of Arts and Chairman of the Committee to Select a Chairman for the Department of Political Science, telephone 432-4221. Relevant communications should be received by 2 December 1977. This post is open to both men and women.

#### **Art Program**

The Department of Elementary Education will be operating an art program for pre-school-age children beginning on Thursday, 26 January 1978. If you are interested in having your child participate in the program, you are requested to pick up forms at the Elementary Education office or telephone 432-5103.

#### **Walter C. MacKenzie Visiting Professorship**

The 1977 lecturer for the Walter C. MacKenzie Visiting Professorship was John Robert Vane, F.R.S., Director of the Research and Development Group, the Wellcome Foundation, Kent, England.

As the Stothert Research Fellow of the Royal Society he completed his DPhil at Oxford in 1953 and worked for three years as an Assistant Professor of Pharmacology at Yale University in New Haven before taking up an appointment at the University of London. Here he developed his research into circulating hormones; the physiology

and pharmacology of the renin-angiotensin system, adrenergic mechanisms and prostaglandins for which he is so well known today. The University of Oxford granted Dr. Vane the degree of DSc in 1970 in recognition of his work in these areas.

In 1973 Dr. Vane left the University of London for his present appointment as Group Research and Development Director of the Wellcome Research Laboratories. He was elected as a Fellow of the Royal Society in 1974.

He is the author of over one hundred scientific papers in learned journals as well as several books. His research work is frequently cited by fellow scientists who regard Dr. Vane as one of the world's foremost scientists in his field.

Dr. Vane's visit to the Faculty of Medicine was hosted by the Department of Pharmacology.

#### **Dial-A-Dietitian**

Dial-a-Dietitian is a public service carried out by the Alberta Registered Dietitians Association. The service allows persons to call 454-2649, an answering service, and ask questions about nutrition, planning adequate meals, purchasing, storing, or handling of foods, food labelling and additives, preparing and cooking convenience foods, and similar topics. Within forty-eight hours a volunteer registered dietitian will call back with the researched answer to the question. For those people who live in other parts of Alberta, written responses will be sent in reply to telephone inquiries.

The purpose of Dial-a-Dietitian is to provide the public with an authoritative source of nutrition information. The service is free of charge. Dial-a-Dietitian operates from 9 a.m. to 5 p.m. Monday through Friday, holidays excepted.

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## **THIS WEEK AND NEXT**

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*Listings must reach the Editor by 9 a.m. Thursday one week prior to publication. Written notification is preferred.*

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### **1 DECEMBER, THURSDAY**

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#### **German Film**

7:30 p.m. *Wenn süß das Mondlicht auf den Hügeln schläft*. 17 Arts Building. Admission is free.

#### **Cinematheque 16**

7:30 p.m. *Lenny Bruce Without Tears* (United States, 1972). Directed by Fred Baker. *Lenny Bruce Performance Film* (United States, 1967). Directed by John Magnuson. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members.

Tickets available at the door.

#### Edmonton Opera Association

8 p.m. The Edmonton Opera Association presents *Don Giovanni*. Directed by Irving Guttman. Edmonton Symphony Orchestra conducted by Stefan Minde. Jubilee Auditorium. Tickets available from all Woodward's stores

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### 2 DECEMBER, FRIDAY

#### Poetry Reading

12:10 p.m. Isabelle Foord reads the work of Dorothy Parker. Citadel Theatre.

#### Faculty Club

*Downstairs*. Friday special: prime rib of beef, baked ham, potatoes, vegetables, salad bar. \$5.50 per person.

*Upstairs*. Daily special: consomme with liver dumplings, cucumber and tomato salad, tournedos chasseur, potatoes, fresh vegetable, orange chiffon dessert. \$7.50 per person. Lobster, \$15. Also regular dinner menu. Reservations required. Entertainment: One Night Stand.

#### Student Cinema

7 p.m., 9:30 p.m., and 12 midnight. *Wizards* (United States, 1977). Directed by Ralph Bakshi. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

#### Cinematheque 16

7:30 p.m. *Sanjuro* (Japan, 1962). Directed by Akira Kurosawa and starring Toshiro Mifune and Tatsuya Nakadai. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

#### Observatory Tours

7:30 p.m. Observatory tours and observation of the night sky (weather permitting). Physics Building. Admission is free but reservations are required. For further information and reservations telephone 432-4201.

#### John Janzen Nature Centre

7:30 p.m. and 9:30 p.m. "Down East Wanderings," an informal talk and slide program by John Clausen. John Janzen Nature Centre. Admission is \$1.50 for adults and 75 cents for children. Tickets available at the door.

#### Classical Guitar Recital

8:30 p.m. The Classical Guitar Society presents Ato Ito and Henry Dorigny in a duo guitar recital. Provincial Museum Auditorium. Admission is \$5 regular and \$3 for members. Tickets available at the Bay, Woodward's, and the HUB Box Office.

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### 3 DECEMBER, SATURDAY

#### Errol Flynn Film Series

2 p.m. *Charge of the Light Brigade*. Centennial Library Theatre. Admission is free.

#### Faculty Club

*Downstairs*. From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, salad bar.

*Upstairs*. Lobster, \$15. Also regular dinner menu. Reservations required.

#### Student Cinema

7 p.m. and 9:30 p.m. *Wizards* (United States, 1977). Directed by Ralph Bakshi. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

#### Edmonton Opera Association

8 p.m. The Edmonton Opera Association presents *Don Giovanni*. Directed by Irving Guttman. Edmonton Symphony Orchestra conducted by Stefan Minde. Jubilee Auditorium. Tickets available from all Woodward's stores.

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### 4 DECEMBER, SUNDAY

#### Errol Flynn Film Series

2 p.m. *Charge of the Light Brigade*. Centennial Library Theatre. Admission is free.

#### Cinematheque 16

2 p.m. *Animal Crackers* (United States, 1930). Directed by Victor Heerman and starring the Marx Brothers. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

#### Advent Procession

4:30 p.m. An Advent Procession with Carols and Candlelight, featuring carols by John Joubert, Harold Darke, Charles Macpherson, and Hugh Bancroft. All Saints' Cathedral.

#### National Film Theatre

7 p.m. *Glen Miller Story* (United States, 1954). Jimmy Stewart Retrospective. Directed by Anthony Mann and starring Jimmy Stewart and June Allyson. Zeidler Hall, Citadel Theatre. Admission is \$3 regular and \$2 for students and senior citizens. Series tickets available at the HUB Box Office.

#### Christmas Concert

7:30 p.m. "Shepherd Me Lord," Concordia College's choral Christmas concert. Alumni Hall, Concordia College. Donations only.

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### 5 DECEMBER, MONDAY

#### Options for Women

7:30 p.m. Options for Women presents the film *Antonio*. Women's Place, 9917 116 Street. Everyone is welcome.

#### Edmonton Opera Association

8 p.m. The Edmonton Opera Association presents *Don Giovanni*. Directed by Irving Guttman. Edmonton Symphony Orchestra conducted by Stefan Minde. Jubilee Auditorium. Tickets available from all Woodward's stores.

#### The Freddie Hubbard Sextet

8 p.m. and 10:15 p.m. The Edmonton Jazz Society presents the Freddie Hubbard Sextet. Students' Union Theatre. Admission is \$5 for members and \$6.50 for non-members. Tickets available at Mike's, Woodward's, the HUB Box Office, and at the door.

#### Edmonton Film Society

8 p.m. *Gaslight* (United States, 1944). TL-11 Tory Building. Series tickets available at the HUB Box Office and at the door.

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### 6 DECEMBER, TUESDAY

#### National Film Theatre

8 p.m. *Harvey* (United States, 1950). Jimmy Stewart Retrospective. Directed by Henry Koster and starring Jimmy Stewart and Josephine Hull. Centennial Library Theatre. Admission is \$2 regular and \$1.50 for students and senior citizens. Series tickets available at the HUB Box Office.

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### 7 DECEMBER, WEDNESDAY

#### Faculty Club

*Upstairs*. Petit gourmet: consommé celestine, aspic de crevettes, filet de boeuf wellington, pommes de terre à la parisienne, tomates farcies, bombe succès. \$15 per person. Regular dining in Papaschase. Reservations required.

#### Mime Troupe

7:30 p.m. A performance of the Arete Mime Troupe. Centennial Library Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at Woodward's and at the door.

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### 8 DECEMBER, THURSDAY

#### Humanities Film Society

7 p.m. *Cromwell* (Great Britain, 1970). Directed by Ken Hughes and starring Richard Harris and Alec Guinness. TL-11 Tory Building. Admission is 75 cents.

#### Mime Troupe

7:30 p.m. A performance by the Arete Mime Troupe. Centennial Library Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at Woodward's and at the door.

#### Cinematheque 16

7:30 p.m. *Knots* (Great Britain, 1975). Directed by David Munro and starring Caroline Blakiston and Sharon Duce. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

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### 9 DECEMBER, FRIDAY

#### Faculty Club

*Downstairs*. Friday special: prime rib of beef, baked ham, potatoes, vegetables, salad bar, dessert. \$5.50 per person.



*Upstairs.* Daily special: puree of carrot soup, potato and green bean salad, breaded veal cutlet, rice, fresh vegetable, almond torte. \$7.95 per person. Also regular dinner menu. Reservations required. Entertainment: The Magic Touch.

#### Observatory Tours

7:30 p.m. Observatory tours and observation of the night sky (weather permitting). Physics Building. Admission is free but reservations are required. For further information and reservations telephone 432-4201.

#### Mime Troupe

7:30 p.m. A performance of the Arete Mime Troupe. Centennial Library Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at Woodward's and at the door.

#### Cinematheque 16

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### 10 DECEMBER, SATURDAY

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#### Errol Flynn Film Series

2 p.m. *The Sea Hawk* Centennial Library Theatre. Admission is free.

#### Faculty Club

*Downstairs.* From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, salad bar.  
*Upstairs.* Regular dinner menu. Reservations required.

#### Handel's Messiah

8 p.m. The Richard Eaton Singers present Handel's *Messiah*. All Saints' Cathedral. Admission is \$3.50 regular and \$2.50 for students and senior citizens. Tickets available at Mike's, the Music Department, and at the door.

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### EXHIBITIONS AND PLAYS

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#### Edmonton Art Gallery

*From 3 December.* An exhibition of recent work by Ann Clarke Darrah.  
*Continuing.* "Acrylic On Canvas," a major Extension exhibition demonstrating the variety, energy, and commitment among abstract painters in Edmonton.

#### Graphica

*To 2 December.* Roland Giguère: a retrospective," an exhibition of serigraphs. Graphica, 8815b 92 Street.

#### Provincial Museum

*To 5 December.* "The Japanese Canadians: 1877-1977," a collection of photographs and texts describing the history of the Japanese in British Columbia.

*Continuing.* "Magic," an exhibit examining magic through the ages.  
*Continuing.* "A Prairie Boy's Summer", an exhibition of paintings by William Kurelek.  
*Continuing.* "Adolph Gottlieb: Pictographs," an exhibition of thirty-eight paintings and works on paper by one of the founders of abstract expressionism.

#### Craft Exhibition and Sale

*To 7 December.* The Students' Union annual craft exhibition and sale. Students' Union Building.

#### University Art Gallery and Museum

*Continuing.* "Student Prints: Osaka/Alberta," an exhibition organized by the Osaka University of Arts and the University of Alberta.

#### Queen Elizabeth Planetarium

*To 4 December.* "The Square of Pegasus," a presentation dealing with the autumn sky. For ticket information and show times contact the Planetarium, telephone 455-0119.

#### Stage 78

*From 1 December.* Jacinto Benavente's *The Bonds of Interest*. Directed by Thomas Peacocke and designed by Victor Becker. Corbett Hall. For ticket information and show times contact Studio Theatre, telephone 432-2495.

#### Citadel Theatre

*Continuing.* Alan Ayckbourn's *Bedroom Farce*. Directed by Keith Digby and designed by David L. Lovett. Shctor Theatre. For ticket information and show times contact the Citadel Theatre Box Office, telephone 425-1820.

#### Northern Light Theatre

*Continuing.* Frank Moher's adaptation of *Doctor Dolittle*. Music and lyrics by Lawrence W. Reese. For ticket information and show times contact the Northern Light Theatre Box Office, telephone 429-3110.

#### Theatre 3

*Continuing.* *Godspell* by Stephen Schwartz and John-Michael Tebelak. Theatre 3. For ticket information and show times contact the Theatre 3 Box office, telephone 426-6870.

#### Theatre Francais d'Edmonton

*From 7 December.* Michel Garneau's *Sur le Matelas*. Collège Universitaire St-Jean. For ticket information and show times telephone 469-0869.

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### LECTURES AND SEMINARS

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#### 1 December, Thursday

##### Ukrainian Studies Seminar

12:30 p.m. "Ukrainian Canadians and regional federalism," with speaker Manoly Lupul. 311 Athabasca Hall.

##### Biochemistry Seminar

12:30 p.m. "Nucleotide probes of contractile

proteins," with speaker Ralph G. Yount of Washington State University. 227 Medical Sciences Building.

#### Classics Seminar

4 p.m. "[Demosthenes] *Against Polykles*: the Athenian navy in the 360s BC," with speaker T.N. Ballin. 1-8 Humanities Centre.

#### 5 December, Monday

##### Home Economics Seminar

1 p.m. "A sabbatical's eye view of Scandinavia," with speaker Dianne Kieren. 219 Home Economics Building.

##### Computing Science Seminar

3:00 p.m. "A computer application in lithology," with speaker Diane McGregor, Systems Analyst for Mobil Oil Canada Limited. 611 General Services Building.

#### 6 December, Tuesday

##### Physics Colloquium

3:30 p.m. "Ion molecule reactions in gases," with speaker J.A. Kernahan. V-120 Physics Building.

#### 8 December, Thursday

##### Institute of Earth and Planetary Physics Public Lecture

3:30 p.m. "Geographical patterns of climatic change since 1000 BC," with speaker T.M.L. Wigley of the Climatic Research Unit, University of East Anglia, Norwich, Great Britain.

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### NON-CREDIT COURSES

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#### ANAESTHESIA FOR GENERAL PRACTICE

A course in Anaesthesia for General Practice will be held at various Edmonton hospitals from 7 to 9 December. Many topics will be discussed including the law and anaesthesia, costs of drugs, low flow inhalation anaesthesia, hazards in the operating and recovery rooms, and the assessment and resuscitation of the multiple-trauma victim.

Operating room sessions will be held on 8 December Thursday, and 9 December Friday, at the University of Alberta Hospital and at the Royal Alexandra, Edmonton General, Misericordia, and Charles Camell Hospitals. The course, which has been approved for eighteen study credits for the College of Family Physicians, is limited to twenty-four participants. *Fee:* \$60 including luncheons and parking (\$30 for lectures only). The fee is payable on application. *Apply to:* The Division of Continuing Medical Education, 12-103 Clinical Sciences Building, The University of Alberta, Edmonton, T6G 2G3.

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### SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

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*A special area in 252 Athabasca Hall has been set aside as an information centre on graduate scholarship*

competitions for study in Canada and abroad. Students may use this reference section during normal office hours.

#### International Development and Research Centre Thesis Research Award

The International Development and Research Centre of Canada (IDRC) is offering five awards for tenure in 1978-79 to students from developing countries who are studying in Canada on a student visa. Candidates who wish to apply for an award must have completed all course requirements by the date of taking up the award and be ready to undertake research for a PhD thesis. Each award will provide a stipend and research and travel costs. Funds will also be available to enable the thesis supervisor make a field visit. *Further information and application forms should be requested from:* the International Student Office, 225 Athabasca Hall.

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## POSITIONS VACANT

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#### Secretary to the Director W.W. Cross Cancer Institute

A Secretary to the Director of the Dr. W.W. Cross Cancer Institute is required by December 1977. This person will be responsible for all secretarial and general office duties in order to relieve the Director of all administrative detail. The individual must be capable of recording minutes and be able to transcribe them into appropriate form as well as prepare confidential and special reports.

Completion of a level of education equivalent to Alberta Grade XII, supplemented by business secretarial courses and at least two years related experience is an advantage. Proficiency in shorthand, typing, and medical terminology is an asset. There are excellent fringe benefits, including four weeks annual vacation.

*Apply in confidence to:* Director of Personnel, Dr. W.W. Cross Cancer Institute, 11560 University Avenue, Edmonton, Alberta T6G 1Z2. The position is open to both men and women.

#### Secretary to the Executive Director Provincial Cancer Hospitals Board

A Secretary to the Executive Director of the Provincial Cancer Hospitals Board is required early in 1978. This person will be responsible for the coordination and/or performance of all secretarial duties for the Executive Director and the Board. The individual will be required to take minutes at Board and Provincial Committee meetings.

Completion of a level of education equivalent to Alberta Grade XII supplemented by business secretarial courses and at least two years of related experience is an asset. Proficiency in shorthand, typing, and a broad experience in the taking of minutes is essential. There are excellent fringe benefits including four weeks annual vacation.

*Apply in confidence to:* Director of Personnel, Provincial Cancer Hospitals Board, 11560 University Avenue, Edmonton, Alberta T6G 1Z2. The position is open to both men and women.

#### Legal Assistant

Applications are invited from suitably qualified men and women for the position of Legal Assistant, a one year graduate research position, with the International Council of Environmental Law (ICEL) in Bonn, the Federal Republic of Germany. The successful candidate will begin tenure early in spring 1978 and will have two primary duties: (1) to carry out research, in English, French, or German, into environmental law, (2) to edit the ICEL sponsored quarterly review, *Environmental Policy*

and Law, which publishes articles in English and French. In view of the second responsibility, candidates with editorial experience and who are bilingual will have a distinct advantage. A monthly, nontaxable grant of 1850 DM, tied to the research aspect of the position, will be paid.

*For further information, please contact:* Heather Mitchel, Legal Assistant, International Council of Environmental Law, Bonn, Federal Republic of Germany.

#### NON-ACADEMIC POSITIONS

*To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 25 November.*

Library Clerk II (\$644-\$779)—Faculty of Extension, Legal Resource Centre  
Clerk Steno II (\$644-\$779, term)—Faculty of Physical Education  
Clerk Steno II (\$644-\$779)—Electrical Engineering; Medical Laboratory Science; Faculty of Extension  
Clerk Typist III (\$696-\$843)—Technical Services, Graphics Division; Mathematics  
Clerk Steno III (\$721-\$877)—Collège St-Jean; Faculty of Education; English; Faculty of Science; Institute of Law Research and Reform  
Medical Steno (\$779-\$952)—Surgery  
Secretary (\$811-\$994)—Entomology  
Departmental Secretary (\$914-\$1,125)—Classics  
Graphics Assistant (\$751-\$914)—Rural Economy  
Computer Assistant II (\$751-\$914, term)—Educational Research Services  
Assistant Herdsman (\$843-\$1,034)—Animal Science  
Technician I (\$843-\$1,034, trust)—Mechanical Engineering  
Technician I (\$843-\$1,034, term)—Mechanical Engineering  
Photographer II (\$843-\$1,034, trust)—Biochemistry  
Electronics Technician I/II (\$877-\$1,224)—Electrical Engineering (two positions)  
Shipping and Receiving Clerk (\$877-\$1,078)—Printing Services  
Buyer I (\$1,034-\$1,278)—Housing and Food Services  
Animal Technician III (\$1,078-\$1,335)—Bioscience Animal Services  
Machinist Technician II (\$1,078-\$1,335)—Technical Services  
Programmer/Analyst II (\$1,125-\$1,393, trust)—Biochemistry  
Senior Admissions Records Coordinator (\$1,173-\$1,455)—Office of the Registrar  
Machinist Technician III (\$1,224-\$1,520)—Physics  
Programmer/Analyst III (\$1,335-\$1,660)—Office of Administrative Systems  
Refrigeration Mechanic (\$1,393-\$1,734)—Physical Plant  
Controls Fitter (\$1,455-\$1,814)—Physical Plant

*The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information about position requirements and availability.*

Library Clerk III (\$696-\$843)—Cataloguing, Typist  
Bookkeeper II (\$721-\$877)—Administration  
Library Assistant I (\$751-\$914)—Acquisitions; Cataloguing (two positions)

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## PERSONAL NOTICES

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*All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per*

*word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance and are accepted at the discretion of the Editor.*

*We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.*

#### Accommodations available

Luxury two-bedroom condominium in Kihei, Maui; available from 1 April; \$35 per night for four. 478-6077; 475-7762

For sale—by owner: Viewpoint, 7718 Jasper Avenue, two-bedroom bungalow. \$77,000. Telephone 424-3529.

For rent—three-bedroom condominium, west end, ten-minute drive to University. \$425. 487-2260; 487-0327.

For sale—four-bedroom executive home; south west location; 2½ baths, open fireplace. Telephone Liz Crockford, 434-0555; 436-5250. Spencer Real Estate

For rent—in Parkview, fifteen minutes from University via Quesnel bridge; immaculate, all carpeted three-bedroom bungalow, rumpus room, garage. \$450 a month. No pets. For information telephone: 483-5691 after 7 p.m., and on weekend.

For rent—Mill Woods, three-bedroom condominium; carpeted, 1½ baths, fourth bedroom or recreation room downstairs; fridge, stove. \$450 monthly. References. 436-2273.

For rent—one-bedroom luxury suite in highrise condominium. River view; quiet location convenient to University and downtown; large pool, sauna, all amenities. Expensive but worth it. 432-3943; 488-7591.

Attractive, comfortable home in Blue Quill to share with mature, non-smoking female. Rent negotiable. 432-2765; 434-0422.

Excellent hide-away at St. Vincent Lake: new four-bedroom winterized cottage, fully furnished. Boat and 85 h.p. motor included. \$54,000. Telephone Bunny Sarkissian, Royal Trust 435-4869; residence 434-5225.

For sale—Truly outstanding two-storey home on Westbrook Drive. Completely remodelled last year, now in mint condition. Sauna, professionally developed basement, three fireplaces are samples of the many extras. Telephone Bunny Sarkissian, Royal Trust 435-4869; residence 434-5225.

Renting—Lendrum three-bedroom bungalow; appliances, finished basement, double garage. Available December until July. \$425. 467-9461; 483-5156.

Renting—two-bedroom redecorated main floor; new carpet. 73 Avenue, 113 Street. \$350. 462-3447.

For rent—three-bedroom split-level house. Like new; on beautiful crescent, Leduc. Fridge, stove, washer, dryer; landscaped, large back yard, garden area. \$525 monthly. Suit University academic planning long-term stay. 433-7668 days; 434-2690 evenings.

For sale—Woodbend Road, Devon highway, only sixteen miles from city. Large two-storey open beam Lindal home on eight treed acres; pine board walls; living, dining, family room, three bedrooms, two bathrooms, full basement. Double garage. Weber Bros. Realty, Frank Sobernig 455-4135; 452-2825.

For sale—bi-level. By owners. Rio Terrace, ten minutes from University. Living room with fireplace, dining room, extra large kitchen, three bedrooms, 1½ bathrooms, utility room on upper level. Family room with fireplace, bedroom, and large games room (or second bedroom) on lower level. Attached double garage. Large fully landscaped lot with many mature trees, on quiet street with schools, bus, and playgrounds one block away. Telephone 487-3304 for appointment to view.

For sale—five-bedroom two-storey; formal dining room, family room (open fireplace) finished basement, heated, double garage; near University. \$109,000. Liz Crockford 434-0555; 426-5880, page 894;

#### 436-5250 Spencer Real Estate.

For sale—by owners: extremely attractive open-beam bungalow situated in quiet crescent in Millwoods. Brick exterior with matching double garage; beautiful brick fireplace; china cabinet. Located on a very large professionally landscaped pie-shaped lot. Good mortgage of \$47,000 at ten percent can be increased to suit purchaser. Asking only \$78,000. Telephone Dr. J. Smith 462-7710.

For rent—new three-bedroom bungalow. St. Albert. Reasonable rent for responsible couple only. 487-5724.

For rent—large two-bedroom bungalow with finished basement, single garage. Quiet crescent location near University. Ideal for professional couple or small family. 488-1223 (days); 436-8839 evenings.

Reasonable rent for comfortable suite; separate entrance to basement; large windows, living room, kitchen, bathroom, one bedroom. Ten minutes on bus to University. Available in two to four weeks time. 432-4178, (436-1280 evenings).

Young professional woman will share lovely large home with congenial female. All amenities, including privacy (if desired). Very conveniently located for University and Southgate (south west area). \$275 monthly. Telephone 434-6267.

#### Accommodation wanted

Professional married couple with two children (eight, thirteen) need house to rent in Southgate area. Possession now, or before mid-December. Rick or Valorie, 435-3374; 482-5911.

Physician wishes to rent home for twelve-eighteen months from March 1978. Telephone Dr. Orford at 435-8075, or write Box 654 University Post Office.

#### Automobiles and accessories

1972 Peugeot 504; automatic, air conditioning, 50,000 miles; one owner. \$2,500. 436-2046.

Tilt bed, double, Snowmobile trailer. Telephone 437-2580 after five.

#### Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Babies—three- to nine-months-old volunteers needed for a short observation of early learning. Dr. Cornell, 432-5216.

Expert typing of theses. Telephone 455-0641.

Typing—theses, etc., Mrs. Empey; 456-1886.

Experienced typist. Variety of type styles and symbols. Quality work. 435-4407.

Nordic Home Services—qualified in all aspects of home design, renovations, repair, and maintenance. Telephone 437-1421 evenings.

Antiques—Victorian furniture, porcelain, china, glass, small silver, brass, copper, pewter, dolls, watches, art nouveau, art deco, decorator items, objets d'art, curios, and new items for Christmas gifts. Mary Goulden Antiques, Corner of 109A Avenue and 135 Street. Open Thursday, Friday, Saturday, 10 - 5 p.m. 452-0397.

Typing—good rates; fast and accurate service.

Telephone Mona, 465-7026.

PB Guest Ranch—Christmas and New Year bookings now being accepted. Comfortable accommodation in sixteen-room lodge. Ideal cross-country skiing terrain. Good food. Telephone 452-0710, or write Box 542, Hinton, Alberta. T0E 1B0

Natural wolf coat, like new, size 10-11. Will take offers. 433-3290.

Custom carpentry—finishing, cabinets, stairs, railings, renovations, etc. All workmanship guaranteed. Hoyt Homes Ltd. 432-7918 after six.

Piano for sale. Excellent condition, good tone.

Telephone 439-6780.

Monocular microscope—objectives 10, 40, and 100. \$150. 432-6407.

Mature lady (University district) available as companion to older person for few hours daily. Preferably afternoons. 439-2646.

Imagine owning some Medieval imagery. Selling elegantly framed brass rubbings from England. Shown by appointment. 434-9784.

Hardwood shelving unit for sale. 436-2988.

Siamese kittens. Put one in a Christmas stocking. 434-6188 evenings.

HO Gauge train set with double track on 4 x 8 base; five engines, twenty cars, scenery, signals and many other accessories. \$125. Telephone 436-5024 after five p.m. weekdays, or anytime on weekends.

Expert tutor in English composition and literature available to high school/university students.

Telephone 488-6669.

Lady's mink coat, horizontal pelts, good condition, size 12. Offers taken. 439-4065.

Are you searching for a responsible person to look after your household and children while you work?

We know of Swiss girls trained as nannies who wish to spend a year in Canada. 434-8859 evenings.

Brand new Sansui FM AM stereo receiver with 40 RMS per channel, plus two ultralinear three-way speaker with circuit-breaker protection system. Telephone 434-7357, 8 - 9 p.m.

Outlet parking available near Hospital. Susan, 432-3779 weekdays.

Items in excellent condition: Sherwood S 8800 amplifier and tuner, \$90; Lenco 88 turntable with Shure-arm and pick up, \$65; Coleman camp stove, \$20; Head HRP skis, \$65; Head Master skis and towing bindings, \$25; leather ski-mountaineering boots, \$15; Vinersa climbing skins, \$20. 432-5678; 433-4026.

Aspen Books 10808 Whyte Avenue. Good selection of non-fiction and fiction, hardcovers and paperbacks; adult and juvenile. Special orders welcome. 433-7352.

Pottery sale—attend the third annual open house. Selfridge Studio, 9844 - 88 Avenue, 3 and 4 December, 12 - 6 p.m.

### Students' Union Annual Christmas Craft Exhibition and Sale



December 1 to December 7  
11 a.m. to 6 p.m.  
Sunday 12 noon to 4 p.m.

*Pottery, Weaving, Batik, Macrame,  
Crochet, Knitting, Stitchery, Quilting,  
Pillows, Clothing, Basketry, Jewellery,  
Christmas Items, Toys, Baking,  
... and much more.*

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Art Glass & Mosaic Works  
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### Campus Hair Centre

Men and Ladies Hairstyling  
\$5.00 to \$10.00

Special Student Prices

8625-112 Street  
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Telephone 439-2423



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Edmonton, 435-7622

Mon.-Thur. 12 noon-10 p.m.

Fri.-Sun. 12 noon-11 p.m.

Everyday Special Luncheon



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CARLY MACLEOD, B. Ed.

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EDMONTON, ALBERTA

BUS. 439-3995  
RES. 423-2689